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(54) SURFACE TREATMENT OF ALUMINUM ALLOY FOR PATTERNING

(57) Abstract:

PURPOSE: To pattern clearly the surface of an extruded Al alloy with high work efficiency by patterning the surface of the Al alloy by mechanical operation, subjecting the alloy to two-stage age hardening, and forming a colored film.

CONSTITUTION: The surface of an extruded Al alloy is patterned by mechanical operation, and the alloy is subjected to primary incomplete age hardening and secondary incomplete age hardening or complete age hardening at a temp. above the primary hardening temp. The surface of the Al alloy is then degreased and washed, and after removing smut as required, a colored oxide film is formed by electrochemical operation.

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